Air Surveillance and Precision Approach and Radar Control System (ASPARCS)

Description

The Air Surveillance and Precision Approach and Radar Control System (ASPARCS) is the program that will provide our next generation expeditionary air traffic control (ATC) equipment. The Air Traffic NAVigation, Integration, and Coordination System (ATNAVICS) is the material solution to this requirement for replacement of legacy expeditionary equipment with High Mobility Multipurpose Wheeled Vehicle (HMMWV) mounted radars and a communications and control suite (TPN-3) . It will provide an all-weather ATC capability for an expeditionary airfield or forward operating base.

Operational Impact

The ASPARCS will provide a HMMWV-mounted, state-of-the-art ATC surveillance and precision approach radar system that significantly reduces tactical and strategic lift requirements, which is self-mobile and does not rely on material handling equipment. The system will be interoperable with other CAC2S applications, utilize common hardware and software, and be capable of functioning as an ACE command and control (C2) node. This program provides a dynamic expeditionary ATC radar capability that can be deployed in a package of two C-130 equivalents.

Program Status

ASPARCS Initial Operational Capability (IOC) is planned for FY06 . The Full Operational Capability (FOC) is planned for FY10.

Procurement Profile:	FY 05	FY 06
Quantity:	2	2

Developer/Manufacturer:

Raytheon Integrated Defense Systems
San Diego, CA